

CLAIMS

1. A polypeptide or salts thereof consisting of an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:2 or SEQ ID NO:3.
2. A polypeptide or salts thereof comprising an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:2 or SEQ ID NO:3.
3. A polypeptide or salts thereof consisting of an amino acid sequence represented by SEQ ID NO:16 or SEQ ID NO:17.
4. A polypeptide or salts thereof consisting of an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:2 or SEQ ID NO:3 of which one or more of the amino acids thereof has been deleted, substituted, inserted or added, but not consisting of an amino acid sequence described in SEQ ID NO:4 and moreover showing mechano-sensitive channel inhibiting activity.
5. A polypeptide or salts thereof described in the above claim 4 as consisting of an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:2 or SEQ ID NO:3 of which one or more of the amino acids thereof has been deleted, substituted, inserted or added, but not consisting of an amino acid sequence described in SEQ ID NO:4 and moreover showing mechano-sensitive channel inhibiting activity, of which the said polypeptide comprises an amino acid sequence represented by SEQ ID NO:16 or SEQ ID NO:17.
6. A polynucleotide comprising the polynucleotide that encodes the polypeptide described in claim 1, claim 3 or claim 4.
7. A recombinant vector comprising the polynucleotide described in claim 6.
8. A transformant transformed with the recombinant vector described in claim 7.
9. A mechano-sensitive channel inhibitor comprising one or more of the polypeptides or salts thereof described in one of the claims from claim 1 to claim 5.
10. A remedy of atrial fibrillation comprising one or more of the polypeptides or salts thereof described in one of the claims from claim 1 to claim 5.